



# Crop Weather Report

**Issue: 08-17**  
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Monthly: Nov-Mar

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**Released: July 7, 2008**  
For the Week Ending:  
July 6, 2008

## Weather Summary

Montana received light to moderate precipitation for the week ending July 6<sup>th</sup>. Kalispell received 0.48 of an inch on July 3<sup>rd</sup>, breaking the daily rainfall record of 0.44 of an inch set in 1990. Rogers Pass received 1.83 inches of moisture, the most during the week. Temperatures were above normal. Highs were mostly in the 90s, and lows were mostly in the 40s and 50s. Huntley had the high temperature at 103 degrees, and Ryegate had the low temperature at 34 degrees. Topsoil moisture adequate and surplus, at 52 percent, is below last week's 65 percent, last year's 55 percent, and the five-year average of 54 percent. Subsoil moisture adequate and surplus is 51 percent, below last week's 59 percent and last year's 63 percent, but above the five-year average of 49 percent. The number of days suitable for field work was 6.3 days.

The weather outlook for July 14<sup>th</sup> through July 20<sup>th</sup> is for near normal temperatures and near normal precipitation both east and west of the continental divide. Normal temperatures for this period in Montana are highs in the mid 70s to the upper 80s and lows in the lower 40s to the upper 50s.

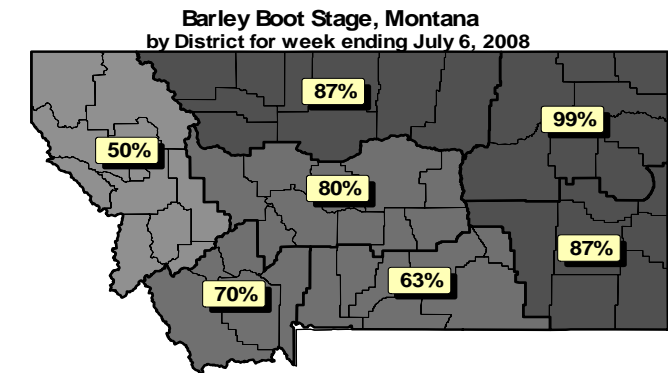
Soil Moisture & Field Work Table	This Week	Last Week	Last Year	5 Yr Avg
<b>Topsoil Moisture</b>				
Very Short	8	6	9	13
Short	40	29	36	33
Adequate	51	61	50	51
Surplus	1	4	5	3
<b>Subsoil Moisture</b>				
Very Short	13	9	8	17
Short	36	32	29	34
Adequate	50	57	59	47
Surplus	1	2	4	2
<b>Days Suitable for Fieldwork</b>				
Days	6.3	6.5	6.5	6.2

Crop Progress Table	This Week	Last Week	Last Year	5 Yr Avg
<b>Boot Stage</b>				
Barley	86	70	95	87
Durum Wheat	79	43	73	67
Oats	88	62	93	86
Spring Wheat	91	66	92	85
Winter Wheat	99	93	100	100
<b>Headed</b>				
Barley	47	20	71	56
Durum Wheat	36	10	43	34
Oats	49	19	65	53
Spring Wheat	36	20	53	51
Winter Wheat	94	78	100	98
<b>Turning</b>				
Winter Wheat	9	1	60	53
<b>Blooming</b>				
Dry Peas	87	73	88	n/a
Lentils	66	35	81	n/a
<b>Hay First Cutting</b>				
Alfalfa	54	29	73	64
All Other Hay	45	24	70	53

## Field Crops Report

The small grain crops are showing signs of stress from the heat and dry weather in the northeastern part of the state. Hail storms in the south central and southeast district have affected crops with severe damage seen in some areas. Overall, the small grains are progressing slower than last year. Only 9 percent of winter wheat has turned compared to 60 percent last year.

Crop Condition Table	This Week	Last Week	Last Year	5 Yr Avg
<b>Barley</b>				
Very Poor	1	1	6	3
Poor	4	5	13	7
Fair	34	31	19	24
Good	49	54	50	50
Excellent	12	9	12	16
<b>Durum Wheat</b>				
Very Poor	2	2	2	3
Poor	23	15	3	13
Fair	32	30	25	26
Good	39	49	52	50
Excellent	4	4	18	8
<b>Oats</b>				
Very Poor	3	2	1	3
Poor	4	4	3	7
Fair	44	42	19	22
Good	43	46	65	56
Excellent	6	6	12	12
<b>Spring Wheat</b>				
Very Poor	3	2	4	3
Poor	7	5	9	7
Fair	28	23	20	25
Good	56	64	57	56
Excellent	6	6	10	9
<b>Winter Wheat</b>				
Very Poor	1	2	2	3
Poor	8	10	9	9
Fair	50	41	26	27
Good	34	36	46	44
Excellent	7	11	17	17



Range & Livestock Table	This Week	Last Week	Last Year	5 Yr Avg
<b>Range and Pasture Feed Condition</b>				
Very Poor	4	3	4	7
Poor	11	9	7	14
Fair	31	32	25	30
Good	38	35	46	40
Excellent	16	21	18	9

## Weather Information for the Week ending 07/06/2008

Station ID						Precipitation							
	Temperature			GDDs		This Week		April 1 to Date			October 1 to Date		
	Hi	LOW	AVG	B50	DFN	Total	DFN	Total	DFN	%NRM	Total	DFN	%NRM
NORTHWEST													
Alberton	98	51	71	150	+45	0.01	-0.28	5.28	+0.25	105	14.56	+3.77	135
Anaconda	93	47	68	124	+41	0.15	-0.21	5.32	+0.05	101	11.79	+2.09	122
Clinton	95	46	69	137	+65	0.66	+0.39	6.38	+1.53	132	14.93	+2.56	121
Corvallis	91	49	71	146	+43	0.02	-0.22	2.53	-2.02	56	6.86	-1.96	78
Creston	92	52	68	130	+43	1.37	+0.86	7.58	+0.01	100	11.40	-4.42	72
Deer Lodge	91	44	66	115	+43	0.53	+0.18	4.37	-0.17	96	6.77	-0.21	97
Drummond	95	42	67	121	+32	0.31	+0.03	5.00	+0.14	103	9.74	+0.35	104
Hamilton	91	52	72	156	+55	0.00	-0.28	2.62	-2.05	56	5.97	-1.61	79
Kalispell	94	51	71	146	+64	1.53	+1.14	5.74	-0.18	97	10.82	-2.92	79
Missoula	97	54	74	172	+67	0.27	-0.02	4.51	-0.52	90	9.24	-1.55	86
Olney	92	45	66	110	+38	0.96	+0.46	4.65	-2.17	68	17.37	-1.29	93
Polson	92	53	69	138	+29	0.22	-0.13	6.06	-0.05	99	10.37	-2.20	82
St Ignatius	94	55	70	143	+36	0.26	-0.12	6.78	+0.13	102	10.83	-2.06	84
Seeley Lake	96	48	70	141	+65	0.24	-0.10	3.99	-1.53	72	14.66	-2.42	86
Sula	89	41	64	102	+37	0.32	-0.06	6.04	-0.25	96	11.80	-0.60	95
Superior	99	53	73	160	+47	1.57	+1.29	7.28	+2.24	144	16.41	+3.02	123
Swan Lake	93	45	67	122	+52	0.52	+0.07	7.08	-0.32	96	23.69	-0.28	99
Thompson Falls	97	54	74	169	+48	0.63	+0.28	5.17	-1.08	83	21.33	+1.55	108
West Glacier	94	47	68	130	+48	0.55	-0.03	7.74	-0.45	95	25.92	+2.11	109
NORTH CENTRAL													
Chester	94	52	71	149	+44	0.28	-0.13	6.62	+1.55	131	8.25	+0.78	110
Chinook	98	55	73	160	+38	0.60	+0.17	8.49	+2.51	142	10.72	+1.66	118
Choteau	92	49	67	121	+17	0.85	+0.50	8.03	+2.82	154	10.39	+3.40	149
Cut Bank	93	47	68	124	+43	0.11	-0.30	7.86	+1.87	131	8.79	+0.34	104
Ft Assinniboine	97	53	72	154	+32	0.72	+0.26	7.67	+1.77	130	9.35	+0.20	102
Fort Benton	97	53	72	153	+26	0.53	+0.16	8.51	+2.21	135	11.02	+1.04	110
Goldbutte	90	50	68	126	+37	0.17	-0.25	7.74	+1.45	123	10.02	+0.58	106
Harlem	96	51	73	165	+45	0.22	-0.27	6.06	+0.69	113	7.52	-0.32	96
Havre	97	52	72	158	+41	0.58	+0.20	5.97	+1.00	120	7.45	-0.65	92
Malta	96	54	75	175	+52	0.00	-0.49	6.40	+0.22	104	10.07	+0.92	110
Rudyard	93	54	70	144	+37	0.55	+0.22	8.79	+3.78	175	9.48	+2.63	138
Shelby	95	48	70	139	+49	0.22	-0.12	6.75	+0.99	117	8.04	-0.68	92
Turner	93	51	71	151	+46	0.30	-0.23	7.24	+1.81	133	8.46	+0.77	110
Valier	93	51	69	136	+34	0.30	-0.08	7.49	+1.34	122	9.51	+1.03	112
NORTHEAST													